



- UTILITY DECLARATION AND POWER OF ATTORNEY Utility Applicati n

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Immunological Test Kit with Borellia burgdorferi Epitope the specification of which is attached hereto OR (Check One) was filed on October 17, 2001 as United States Application Serial No. 09/982,264 or PCT International Application No. and was amended (if applicable). on` I hereby state that I have reviewed and understand the contents of the above-identified specification. including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56. I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed. **Prior Foreign Priority Claimed Date of Filing** Country Application Number(s) Yes No I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below. Application Number(s) Filing Date I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35. United

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of

the prior application and the national or PCT international filing date of this application.

POWER OF ATTORNEY: As a named inventor, I hereby revoke all previous powers of attorney and appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified invention application, all of the registered practitioners identified by Customer Number 22249:



22249
PATENT TRADEMARK OFFICE

LYON & LYON LLP Suite 4700 633 W. Fifth Street Los Angeles, CA 90071 (914) 681-8851

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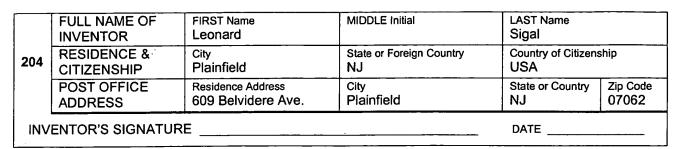
Please direct all inquiries to Charles M. Doyle, Esq., at the above Customer Number.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR		FIRST Name Bo	MIDDLE Initial	LAST Name Qiu				
201	RESIDENCE & CITIZENSHIP	City East Brunswick	State or Foreign Country NJ	Country of Citizen Peoples Reput China				
	POST OFFICE ADDRESS	Residence Address 7 Lake Ave.	City East Brunswick	State or Country NJ	Zip Code 08816			
INV	INVENTOR'S SIGNATURE PAR Chin DATE 2/21/02							

	FULL NAME OF INVENTOR	FIRST Name Guobao	MIDDLE Initial	LAST Name Zhang				
202	RESIDENCE & CITIZENSHIP	City Piscataway	State or Foreign Country NJ	Country of Citizen: Peoples Repul China				
	POST OFFICE ADDRESS	Residence Address 900 Davidson Rd., Apt. 108	City Piscataway	State or Country NJ Zip Code 08854				
INV	INVENTOR'S SIGNATURE DATE _2/27/02_							

	FULL NAME OF INVENTOR	FIRST Name Stanley	MIDDLE Initial	LAST Name Stein				
203	RESIDENCE & City CITIZENSHIP East Brunswick		State or Foreign Country NJ	Country of Citizenship USA				
,	POST OFFICE ADDRESS	Residence Address 6 Rowan Court	City East Brunswick	State or Country NJ	Zip Code 08816			
INV	INVENTOR'S SIGNATURE DATE 2/25/02							



INVENTOR RESIDENCE	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Brunner	
	RESIDENCE & CITIZENSHIP	City Columbus	State or Foreign Country NJ	Country of Citizenship USA	
	POST OFFICE ADDRESS	Residence Address 76 Greenbrook Drive	City Columbus	State or Country NJ	Zip Code 08022
INVENTOR'S SIGNATURE				DATE	

	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Katz	
206	RESIDENCE & CITIZENSHIP	City Freehold	State or Foreign Country NJ	Country of Citizenship USA	
	Residence Address	127 Paint Island Spring	City Freehold	State or Country NJ	Zip Code 07728
INV	ENTOR'S SIGNATU	RE		DATE	



UTILITY DECLARATION AND POWER OF ATTORNEY Utility Applicati n

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the origing joint inventor (if plural ris sought on the invespecification of which	names are	e listed below) of the	subject matter wh	ich is claimed	and for which	ch a patent
(Check One)	\boxtimes	is attached hereto OF was filed on <u>Octobe</u> 09/982,264 or PCT li on (if applicabl	<u>r 17, 2001</u> as Unternational Applic			
I hereby state that I hincluding the claims, as					dentified sp	ecification,
I acknowledge the duty accordance with Title 3				ne patentabilit	y of this ap	plication in
I hereby claim foreign profession application(s) for which designated at lead identified below, by che	or patent ast one c	or inventor's certification	ate, or § 365(a) of United States of	of any PCT in America, liste	nternational dibelow and	application have also
PCT international applic						
PCT international applic	cation hav			cation on whic	ch priority is one of the priority	claimed.
PCT international applic	cation hav	ving a filing date befor	e that of the appli	cation on whic	ch priority is	claimed.
PCT international applic	r(s)	ving a filing date before	e that of the appli	cation on whic	Priority is o	Claimed. Claimed No
PCT international application Foreign Application Number I hereby claim the bene	r(s) fit under ow.	ving a filing date before	e that of the appli	cation on whic	Priority is o	Claimed. Claimed No
PCT international application Foreign Application Number I hereby claim the bene application(s) listed below	r(s) fit under ow.	Country Title 35, United States	e that of the appli	cation on whic	Priority is o	Claimed. Claimed No

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Aband n d



POWER OF ATTORNEY: As a named inventor, I hereby revoke all previous powers of attorney and appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified invention application, all of the registered practitioners identified by Customer Number 22249:



PATENT TRADEMARK OFFICE

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	FULL NAME OF INVENTOR			LAST Name Qiu	
201	RESIDENCE & CITIZENSHIP	City East Brunswick	State or Foreign Country NJ	Country of Citizenship Peoples Republic of China	
	POST OFFICE ADDRESS	Residence Address 7 Lake Ave.	City East Brunswick	State or Country NJ	Zip Code 08816
IN/	/ENTOR'S SIGNAT	JRE	· · · · · · · · · · · · · · · · · · ·	DATE	

	FULL NAME OF INVENTOR	FIRST Name Guobao	MIDDLE Initial	LAST Name Zhang	
202	RESIDENCE & CITIZENSHIP	City Piscataway	State or Foreign Country NJ	Country of Citizenship Peoples Republic of China	
	POST OFFICE ADDRESS	Residence Address 900 Davidson Rd., Apt. 108	City Piscataway	State or Country NJ	Zip Code 08854
INV	ENTOR'S SIGNATU	RE		DATE	

	INVENTOR Stan RESIDENCE & City			LAST Name Stein		
203		City East Brunswick	State or Foreign Country NJ	Country of Citizenship USA		
	POST OFFICE ADDRESS	Residence Address 6 Rowan Court	City East Brunswick	State or Country . NJ	Zip Code 08816	
INV	INVENTOR'S SIGNATURE					

POST OFFICE ADDRESS	FULL NAME OF INVENTOR			LAST Nam Sigal	
		City Plainfield	State or Foreign Country NJ	Country of Citizenship USA	
		Residence Address 609 Belvidere Ave.	City Plainfield	State or Country Zip Code NJ 07062	
INVENTOR'S SIGNATURE				DATE	/P. (2-)

	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Brunner			
205	RESIDENCE & CITIZENSHIP	City Columbus	State or Foreign Country NJ	Country of Citizen	ship		
	POST OFFICE ADDRESS	Residence Address 76 Greenbrook Drive	City Columbus	State or Country NJ	Zip Code 08022		
INV	INVENTOR'S SIGNATURE						

	FULL NAME OF INVENTOR	FIRST Name , Michael	MIDDLE Initial	LAST Name Katz	
206	_	City Freehold	State or Foreign Country NJ	Country of Citizen USA	ship
	POST OFFICE ADDRESS	Residence Address 127 Paint Island Spring Rd.	City Freehold	State or Country NJ	Zip Code 07728
INV	ENTOR'S SIGNATUR	RE		DATE	



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		•			
joint inventor (if plura	al names vention	are listed below) of the	only one name is listed below) subject matter which is claimed I Test Kit with Borellia but	and for which	ch a patent
(Check One)			<u>r 17, 2001</u> as United States nternational Application No.		
		eviewed and understan ded by any amendment(d the contents of the above- s) referred to above.	identified sp	ecification,
		sclose information which e of Federal Regulations	h is material to the patentabilits, § 1.56.	y of this ap	plication in
foreign application(s)	for pate least one	ent or inventor's certificate country other than the	, United States Code, § 119(a) ate, or § 365(a) of any PCT in United States of America, liste	nternational d below and	application have also
PCT international app	olication h	naving a filing date befor	e that of the application on which	ch priority is	, or or any claimed.
PCT international app	olication h	naving a filing date befor	e that of the application on whice	ch priority is o	claimed. Claimed
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PCT international app Prior Foreign Application Numb	per(s) nefit unde	naving a filing date befor Country	e that of the application on which	Priority is one of the Priority Yes	claimed. Claimed No
PCT international app Prior Foreign Application Numb I hereby claim the ber application(s) listed be	per(s) nefit unde	Country Country er Title 35, United States	Date of Filing	Priority is one of the Priority Yes	claimed. Claimed No

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

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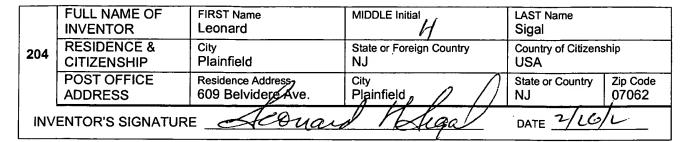
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	FULL NAME OF INVENTOR	FIRST Name Bo	MIDDLE Initial	LAST Name Qiu		
201	RESIDENCE & CITIZENSHIP	SIDENCE & City State or Foreign Country Pe			Country of Citizenship Peoples Republic of China	
	POST OFFICE ADDRESS	Residence Address 7 Lake Ave.	City East Brunswick	State or Country NJ	Zip Code 08816	
IN۱	ENTOR'S SIGNATU		DATE			

	FULL NAME OF INVENTOR	FIRST Name Guobao	MIDDLE Initial	LAST Name Zhang Country of Citizenship Peoples Republic of China	
202	RESIDENCE & CITIZENSHIP	City Piscataway	State or Foreign Country NJ		
	POST OFFICE ADDRESS	Residence Address 900 Davidson Rd., Apt. 108	City Piscataway	State or Country NJ	Zip Code 08854
INV	ENTOR'S SIGNATU	RE		DATE	

FULL NAME OF INVENTOR		FIRST Name MIDDLE Initial Stanley		LAST Name Stein	
203	RESIDENCE & CITIZENSHIP	City East Brunswick	State or Foreign Country NJ	Country of Citizen USA	ship
	POST OFFICE ADDRESS	Residence Address 6 Rowan Court	City East Brunswick	State or Country NJ	Zip Code 08816
INV	ENTOR'S SIGNATU	RE		DATE	



	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Brunner		
205	RESIDENCE & CITIZENSHIP	City Columbus	State or Foreign Country NJ	Country of Citizen USA	ship	
	POST OFFICE ADDRESS	Residence Address 76 Greenbrook Drive	City Columbus	State or Country NJ	Zip Code 08022	
INV	INVENTOR'S SIGNATURE DATE					

	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Katz Country of Citizenship USA		
	RESIDENCE & CITIZENSHIP	City Freehold	State or Foreign Country NJ			
	Residence Address	127 Paint Island Spring	City Freehold	State or Country NJ	Zip Code 07728	
INV	INVENTOR'S SIGNATURE DATE					



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joint inventor (if plural r	ames	are listed below) of the su	ly one name is listed below) ubject matter which is claimed Test Kit with Borellia bu	d and for whi	ch a patent
(Check One)			17, 2001 as United States ernational Application No).		
		reviewed and understand ded by any amendment(s)	the contents of the above referred to above.	-identified sp	ecification,
		sclose information which le of Federal Regulations,	is material to the patentabil § 1.56.	ity of this ap	plication in
foreign application(s) for which designated at lead identified below, by che	r pate st one cking	ent or inventor's certificat e country other than the U the box, any foreign app	United States Code, § 119(a e, or § 365(a) of any PCT inited States of America, listed lication for patent or inventoon that of the application on which	international ed below and r's certificate	application I have also , or of any
Prior Foreign				Priority	Claimed
Application Number	(s)	Country	Date of Filing	Yes	No
	(s)	Country	Date of Filing		
Application Number	it und		Code § 119(e) of any United	Yes	No
Application Number	it und			Yes	No
I hereby claim the bene application(s) listed belo	it und	ler Title 35, United States		Yes	No
Application Number I hereby claim the bene application(s) listed below Application Number I hereby claim the bene § 365(c) of any PCT in insofar as the subject states or PCT internat States Code, § 112, I defined in Title 37, Code	fit und ow. r(s) fit und ternat matter onal a acknoe of F	Filing Date Filing Date der Title 35, United States ional application designate of each of the claims of application in the manner owledge the duty to disclosederal Regulations, § 1.5		States applicerica, listed losed in the praph of Title terial to pate	no ional ation(s), or below and, rior United 35, United ntability as
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IN\	/ENTOR'S SIGNATU	JRE		DATE	

	FULL NAME OF INVENTOR	FIRST Name Guobao	MIDDLE Initial	LAST Name Zhang	
202	RESIDENCE & CITIZENSHIP	City Piscataway	State or Foreign Country NJ	Country of Citizen Peoples Repul China	
	POST OFFICE ADDRESS	Residence Address 900 Davidson Rd., Apt. 108	City Piscataway	State or Country NJ	Zip Code 08854
INV	ENTOR'S SIGNATU	RE		DATE	

203	FULL NAME OF INVENTOR	FIRST Name Stanley	MIDDLE Initial	LAST Name Stein	
	RESIDENCE & CITIZENSHIP	City East Brunswick	State or Foreign Country NJ	Country of Citizenship USA	
	POST OFFICE ADDRESS	Residence Address 6 Rowan Court	City East Brunswick	State or Country NJ	Zip Code 08816
INV	ENTOR'S SIGNATU	IRE		DATE	

204	FULL NAME OF INVENTOR	FIRST Name Leonard	MIDDLE Initial	LAST Nam Sigal	
	RESIDENCE & CITIZENSHIP	City Plainfield	State or Foreign Country NJ	Country of Citizenship USA	
	POST OFFICE ADDRESS	Residence Address 609 Belvidere Ave.	City Plainfield .	State or Country NJ	Zip Code 07062
INVENTOR'S SIGNATURE				DATE	

205	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Brunner	
	RESIDENCE & CITIZENSHIP	City Columbus	State or Foreign Country NJ	Country of Citizenship USA	
	POST OFFICE ADDRESS	Residence Address 76 Greenbrook Drive	City Columbus	State or Country NJ	Zip Code 08022
INV	INVENTOR'S SIGNATURE			DATE	

	FULL NAME OF INVENTOR	FIRST Name Michael	MIDDLE Initial	LAST Name Katz		
206	RESIDENCE & CITIZENSHIP	City Freehold	State or Foreign Country NJ	Country of Citizenship USA		
	POST OFFICE ADDRESS	Residence Address 127 Paint Island Spring Rd.	City Freehold	State or Country NJ	Zip Code 07728	
INVENTOR'S SIGNATURE Suchal Fate DATE 2/22/02						